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PTO/SB/21 (02-04)

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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/692,198 |
| | Filing Date | October 23, 2003 |
| | First Named Inventor | Jiaxiang REN |
| | Art Unit | 3663 |
| | Examiner Name | |
| Total Number of Pages in This Submission | Attorney Docket Number | PGS-03-18US |

| ENCLOSURES (Check all that apply) | | |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
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| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | Remarks | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | Other: - Transmittal Letter - Cited Reference - Return Postcard | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--------------------------------------------|-------------------|
| Firm or Individual name | E. Eugene Thigpen |
| Signature | |
| Date | December 14, 2004 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | | |
| Typed or printed name | E. Eugene Thigpen | | |
| Signature | | Date | December 14, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Jiaxiang Ren, *et al.*

Serial No. 10/692,198

Filed: October 23, 2003

Title: METHOD FOR STABLE
ESTIMATION OF ANISOTROPIC
PARAMETERS FOR P-WAVE
PRESTACK IMAGING

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Group Art Unit: 3663

Examiner:

Atty Docket No. PGS-03-18US

Mail Stop Amendment

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E. Eugene Thigpen
E. Eugene Thigpen

Date: December 14, 2004

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

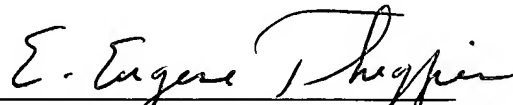
Sir:

The Applicant respectfully submits herewith a Supplemental Information Disclosure Statement citing a copy of reference B1. The reference cited in this Information Disclosure Statement was cited in a United Kingdom Novelty Search Report for a corresponding United Kingdom patent application. The Search Report was dated November 16, 2004, which is within three months prior to the mailing of the present Information Disclosure Statement.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. § 1.16 to 1.21 be deemed necessary for any reason the Commissioner is authorized to deduct the fees from Petroleum Geo-Services, Inc.'s Deposit Account 50-2223.

Respectfully submitted

Date December 14, 2004


E. Eugene Thigpen, Reg. No. 27,400

Petroleum Geo Services, Inc.
P.O. Box 42805
Houston, TX 77242-2805
Direct Dial Telephone: 281-679-2288

DEC 20 2004

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Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

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| Application Number | 10/692,198 |
| Filing Date | October 23, 2003 |
| First Named Inventor | Jiaxiang REN |
| Art Unit | 3663 |
| Examiner Name | |
| Attorney Docket Number | PGS-03-18US |

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| Sheet | 1 | of | 1 |
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|-----------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ^o |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | B1 | GB 2 312 281 | 10/22/1997 | Geco A.S. | | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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